

PUBLIC SAFETY



Maintaining the City's ISO 2 rating helps lower insurance rates for municipal residents and businesses. The FY 2010-14 Capital Improvement Program proposes a fire station in the City's southeastern corner to serve the newly developing areas around ICAR, Verdae, and Woodruff Road.



EAST AREA FIRE STATION

Department:	FIRE	Ranking	GROUP A			
Status of Project:	CONTINUATION	Start/Finish Dates:	JULY	2008	JUN	2010
Strategic Goals:	1, 3	Project Number:	PS3405			

Project Description:

This new fire station will serve the far eastern areas of the City. Currently, the nearest fire station is 3.5 miles from Market Pointe Drive.

One engine company quartered at this fire station will provide continuous initial emergency response within the primary response area. Twelve firefighters will be assigned to this fire station to provide fire suppression, medical first responder, operations level hazmat, technical rescue, and International Fire Code inspection services.

Project Justification (Including Relationship to City Strategic Plan Goals/Objectives):

This station meets the Greenville City Fire Department Strategic Plan objective to increase ISO engine company coverage to 1.5 miles within the City limits.

The ICAR, Verdae, and Woodruff Road corridors, areas that until recently have been undeveloped or outside the City limits, have emergency response times that are well outside of the national standard of 4:00 minutes, 90% of the time. Response times to the furthestmost eastern areas of the City currently average 5:33 minutes with 82.8% of responses being equal to or greater than 5:00 minutes. Comparatively, the average response time citywide is currently 2:55 minutes with 87.4% of responses equal-to-or-less-than 4:00 minutes.

Method for Estimating Cost:

Estimates provided by consultants based on most recent projects.

Project Status (As of January 1, 2009):

New project. Land negotiations are currently underway.

Other Special Considerations (Future Expansion/Special Features/Etc.):

The fire station will be built and configured so as to accommodate future needs for additional apparatus and personnel in this high growth area.

PROJECT ITEMS	FUNDING TO-DATE	FY 09/10 COST	FY 10/11 COST	FY 11/12 COST	FY 12/13 COST	FY 13/14 COST	TOTAL PROJECT COST
Planning/Design	\$75,000	\$0	\$0	\$0	\$0	\$0	\$75,000
Site Acquisition Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Improvements	\$0	\$2,543,800	\$0	\$0	\$0	\$0	\$2,543,800
Equipment	\$0	\$156,200	\$0	\$0	\$0	\$0	\$156,200
Management	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL PROJECT COST	\$75,000	\$2,700,000	\$0	\$0	\$0	\$0	\$2,775,000
PROJECT FUNDING SOURCES (LIST)	FUNDING TO-DATE	FY 09/10 EST. FUNDS	FY 10/11 EST. FUNDS	FY 11/12 EST. FUNDS	FY 12/13 EST. FUNDS	FY 13/14 EST. FUNDS	TOTAL PROJECT FUNDING
General Obligation Bond - 2010	\$0	\$2,700,000	\$0	\$0	\$0	\$0	\$2,700,000
Property Sales	\$75,000	\$0	\$0	\$0	\$0	\$0	\$75,000
TOTAL PROJECT FUNDING	\$75,000	\$2,700,000	\$0	\$0	\$0	\$0	\$2,775,000
OPERATIONAL COSTS							
Operating Impact		\$0	\$1,165,740	\$849,111	\$877,884	\$907,609	\$3,800,344
Cumulative Operating Impact		\$0	\$1,165,740	\$2,014,851	\$2,892,735	\$3,800,344	\$3,800,344
FTEs Added		0.00	12.00	0.00	0.00	0.00	12.00
Cumulative FTEs Added		0.00	12.00	12.00	12.00	12.00	12.00

FIRE ALARM REPLACEMENT

Department:	<u>FIRE</u>	Ranking:	<u>GROUP B</u>
Status of Project:	<u>CONTINUATION</u>	Start/Finish Dates:	<u>JULY 2008</u> <u>JUN 2013</u>
Strategic Goals:	<u>1</u>	Project Number:	<u>PS3406</u>

Project Description:

This project supports a five-year replacement program for the City of Greenville's underground municipal fire alarm system's wiring.

Project Justification (Including Relationship to City Strategic Plan Goals/Objectives):

The City of Greenville's municipal fire alarm system was installed in the mid-1940's. At that time, all wiring was installed overhead on utility poles. In the mid-1960's, utilities within the Central Business District began to be placed underground, along with the City's fire alarm circuits. Over time, the fire alarm system has expanded in concert with the new and renovated buildings that have accompanied revitalization within the City. Currently, the municipal fire alarm system provides service to properties worth over one billion dollars. In recent years, the City has experienced a greater number of outages due to the deterioration of the older components of the underground circuits. The City is reaching a critical stage in which it must start replacing these older components in order to maintain the reliability of the system. This project will provide a systematic program for replacement of this critical infrastructure.

Method for Estimating Cost:

Cost estimate based on 2007 boring cost required for a replacement of lines damaged in 2007 and the total known underground circuits in the system.

Project Status (As of January 1, 2009):

New project.

Other Special Considerations (Future Expansion/Special Features/Etc.):

Each year, the Fire Department will expend the appropriated funds to refit direct buried fire alarm lines by one of the following methods:

1. If lines are damaged or go bad due to aging, they will be replaced and the cost deducted from the appropriated funds.
2. If no lines meet #1 above, the City will replace existing lines based on the lines with the most problems and/or potential for future problems.

PROJECT ITEMS	FUNDING TO-DATE	FY 09/10 COST	FY 10/11 COST	FY 11/12 COST	FY 12/13 COST	FY 13/14 COST	TOTAL PROJECT COST
Planning/Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Site Acquisition Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Improvements	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$0	\$250,000
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Management	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL PROJECT COST	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$0	\$250,000
PROJECT FUNDING SOURCES (LIST)	FUNDING TO-DATE	FY 09/10 EST. FUNDS	FY 10/11 EST. FUNDS	FY 11/12 EST. FUNDS	FY 12/13 EST. FUNDS	FY 13/14 EST. FUNDS	TOTAL PROJECT FUNDING
General Obligation Bond - 2003	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
Capital Projects Fund	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$0	\$200,000
TOTAL PROJECT FUNDING	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$0	\$250,000
OPERATIONAL COSTS							
Operating Impact		\$0	\$0	\$0	\$0	\$0	\$0
Cumulative Operating Impact		\$0	\$0	\$0	\$0	\$0	\$0
FTEs Added		0.00	0.00	0.00	0.00	0.00	0.00
Cumulative FTEs Added		0.00	0.00	0.00	0.00	0.00	0.00

DRILL TOWER REPLACEMENT

Department:	<u>FIRE</u>	Ranking	<u>GROUP A</u>			
Status of Project:	<u>NEW PROJECT</u>	Start/Finish Dates:	<u>MAR</u>	<u>2010</u>	<u>JUN</u>	<u>2011</u>
Strategic Goal:	<u>1</u>	Project Number:	<u>TBD</u>			

Project Description:

This project will replace the fire training tower and live burn rooms at the Mauldin Road Fire Training Facility.

Project Justification (Including Relationship to City Strategic Plan Goals/Objectives):

Training is critical to maintain an effective response capability for the Fire Department. The current training tower and live burn facility located on Mauldin Road has been in continuous use since 1973. Training fires, high-rise firefighting evolutions, rescue training, general training use, weather exposure, and time have caused the condition of this facility to deteriorate to the point that some areas are unsafe for use. This project will replace the tower and live burn rooms with a modern modular building with OSHA-compliant safety features built on the same site as the current facility.

Method for Estimating Cost:

Cost estimates are from a supplier of modular training facilities for fire departments, and are current as of October 2008.

Project Status (As of January 1, 2009):

New project.

Other Special Considerations (Future Expansion/Special Features/Etc.):

The existing training tower would remain in place for training, but will not be used for live burns.

PROJECT ITEMS	FUNDING TO-DATE	FY 09/10 COST	FY 10/11 COST	FY 11/12 COST	FY 12/13 COST	FY 13/14 COST	TOTAL PROJECT COST
Planning/Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Site Acquisition Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Improvements	\$0	\$650,000	\$0	\$0	\$0	\$0	\$650,000
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Management	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL PROJECT COST	\$0	\$650,000	\$0	\$0	\$0	\$0	\$650,000
PROJECT FUNDING SOURCES (LIST)	FUNDING TO-DATE	FY 09/10 EST. FUNDS	FY 10/11 EST. FUNDS	FY 11/12 EST. FUNDS	FY 12/13 EST. FUNDS	FY 13/14 EST. FUNDS	TOTAL PROJECT FUNDING
General Obligation Bond - 2010	\$0	\$650,000	\$0	\$0	\$0	\$0	\$650,000
TOTAL PROJECT FUNDING	\$0	\$650,000	\$0	\$0	\$0	\$0	\$650,000
OPERATIONAL COSTS							
Operating Impact		\$0	\$0	\$0	\$0	\$0	\$0
Cumulative Operating Impact		\$0	\$0	\$0	\$0	\$0	\$0
FTEs Added		0.00	0.00	0.00	0.00	0.00	0.00
Cumulative FTEs Added		0.00	0.00	0.00	0.00	0.00	0.00

